

FIG. 1

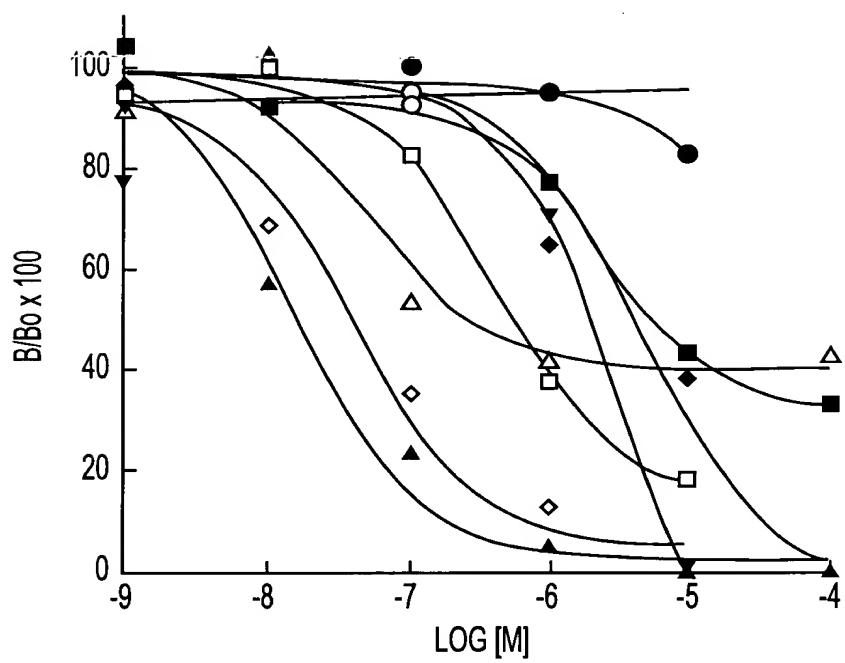


FIG. 2

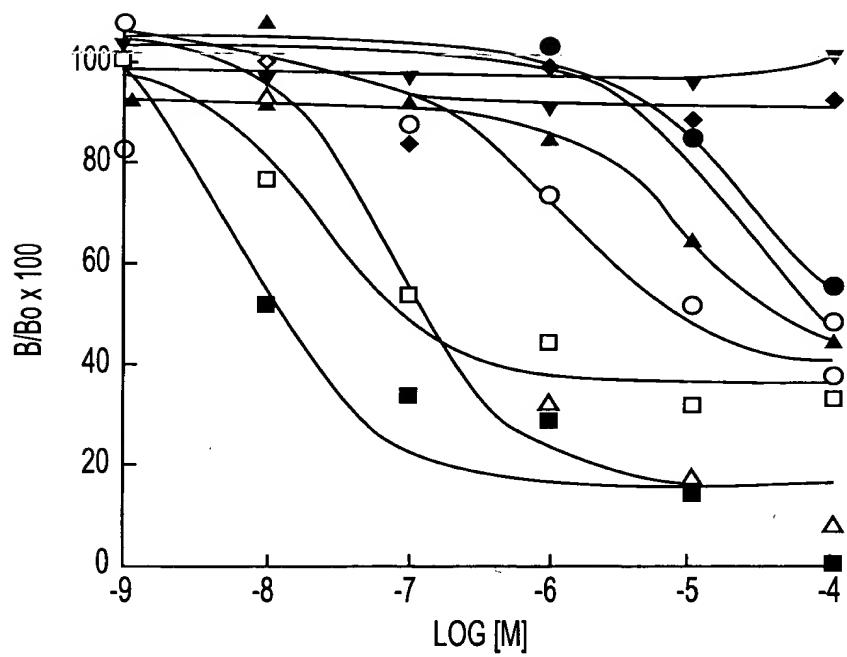


FIG. 3

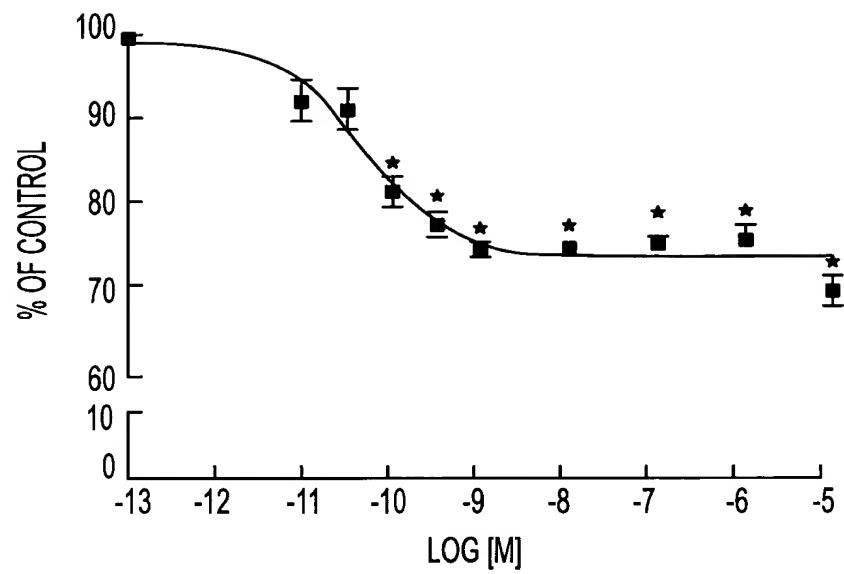


FIG. 4

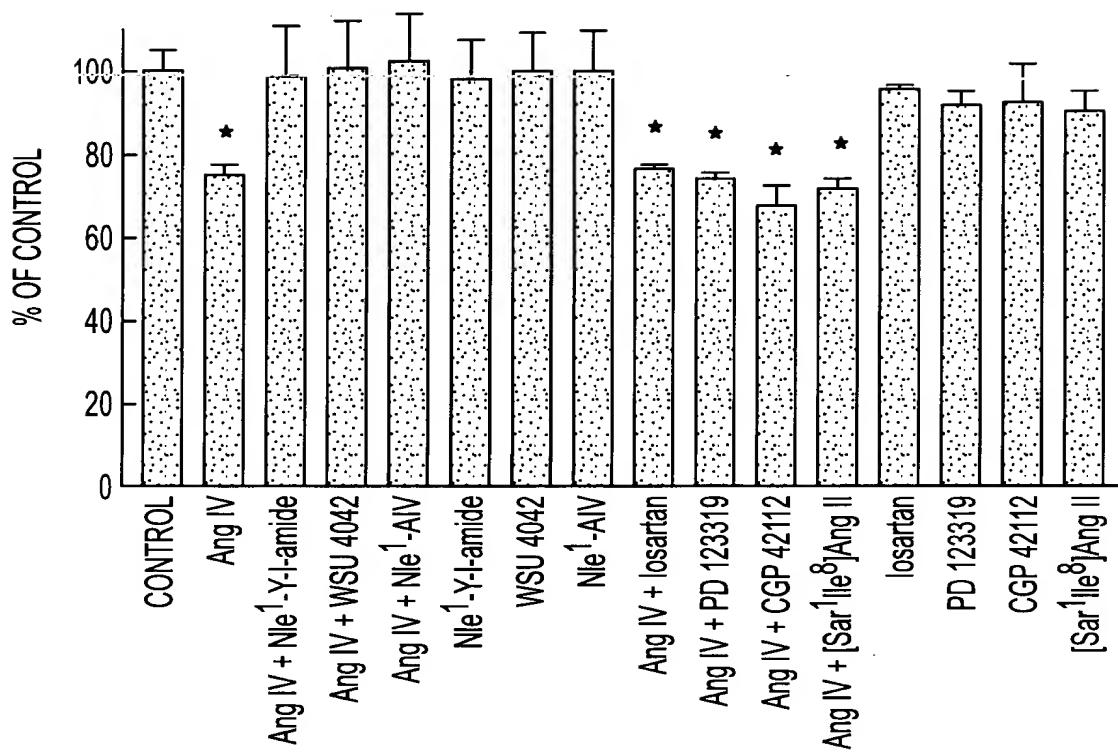


FIG. 5

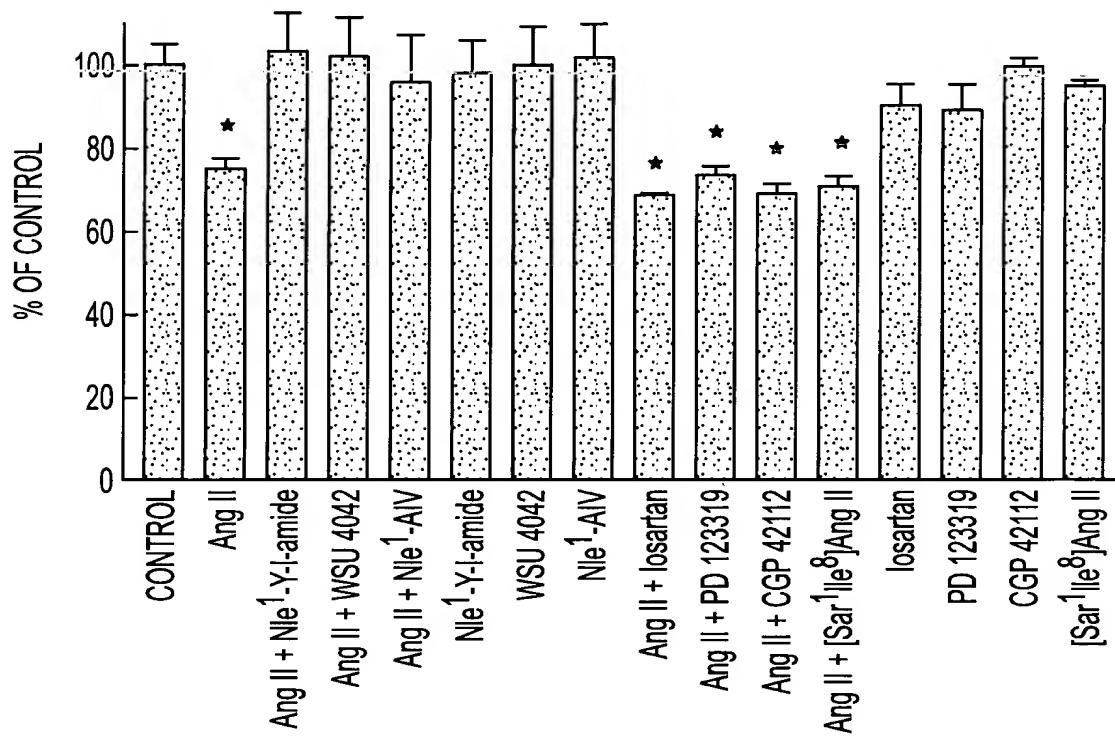


FIG. 6

Title: Neuroactive Peptide  
Inventors: Mendelsohn, *et al.*  
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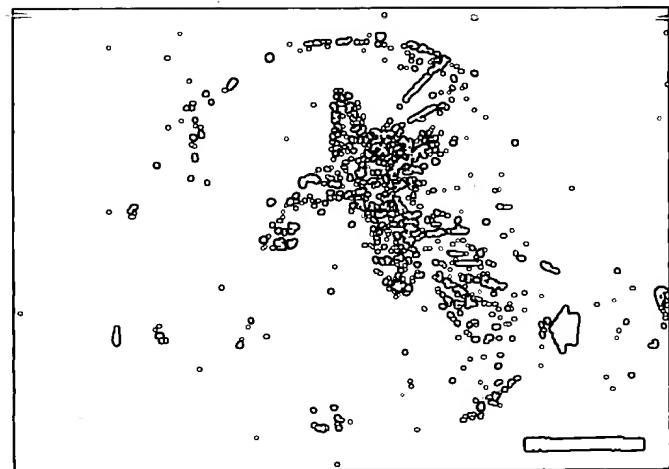


FIG. 7

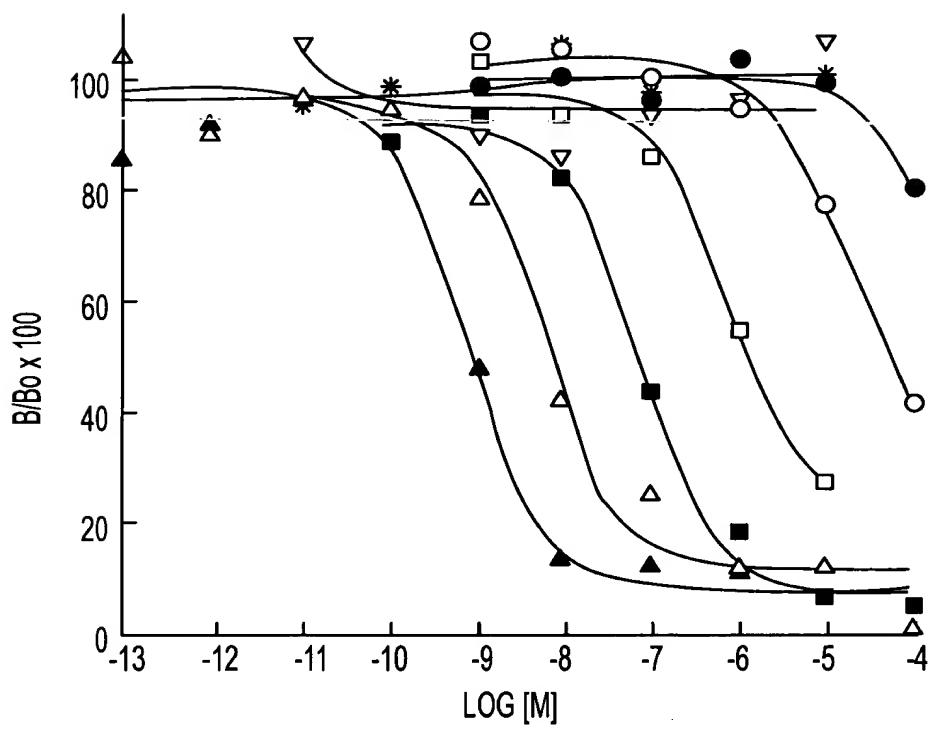


FIG. 8

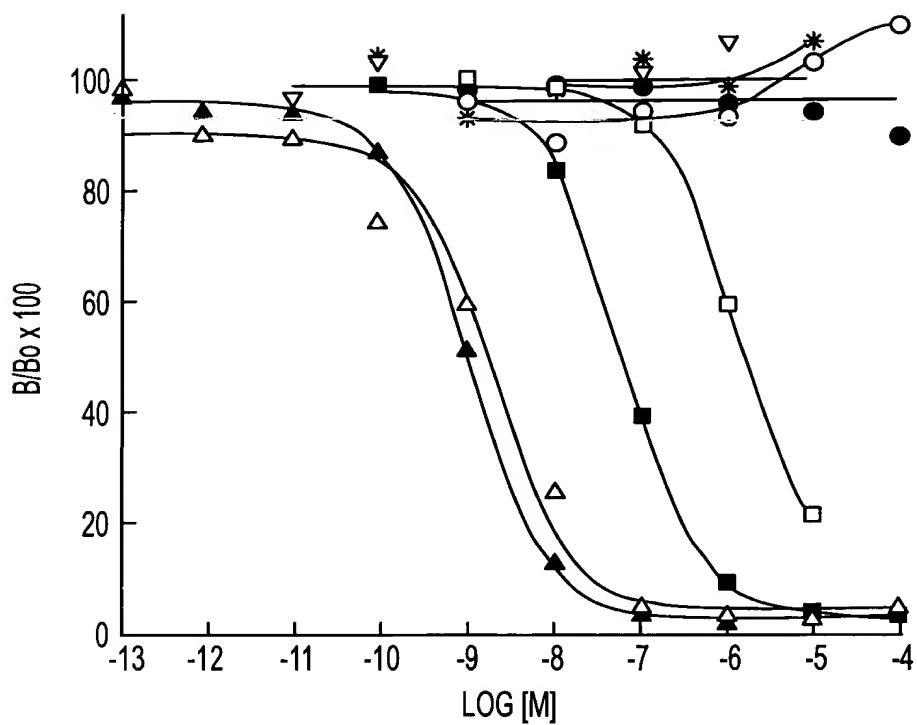


FIG. 9

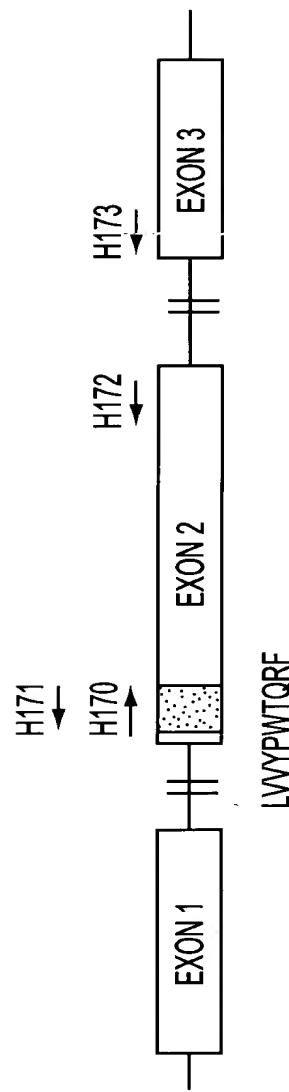


FIG. 10A

OLIGONUCLEOTIDE SEQUENCES:

H170: 5' CTGGTTGTCTACCCCTGGACTCAGAG 3'  
H171: 5' CTCTGAGTCCAGGGTAGACAACCAAG 3'  
H172: 5' CTCAGGATCCACATGCAGCTTATCACAG 3'  
H173: 5' CAGCACAAACCTAGGCACATTGCC 3'

FIG. 10B

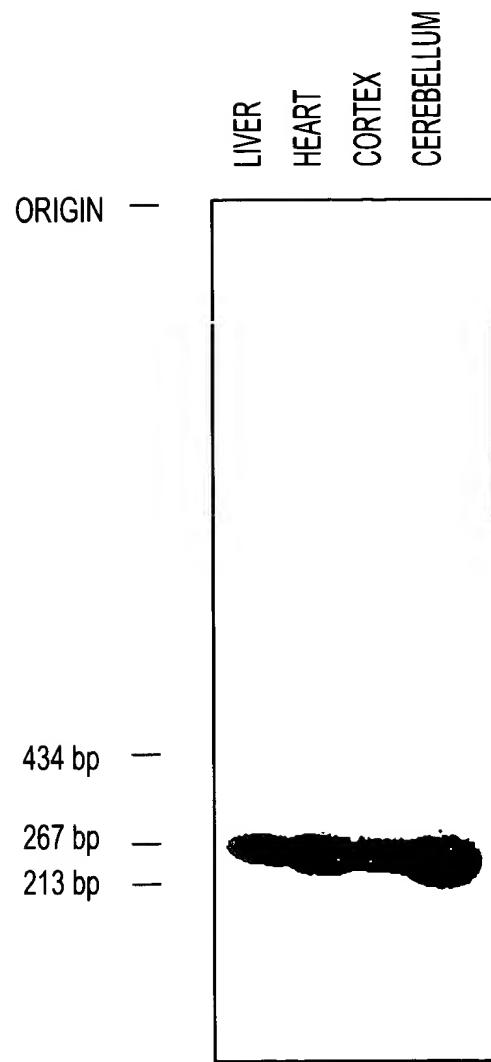


FIG. 11

			10	20	30
EX			CACAAACTCAGAAACAGACACCATGGTGACCTGA		
RNBGLO	TGCTTCTGACATAGTTGTGTTGACTCACAAACTCAGAAACAGACACCATGGTGACCTGA				
	10	20	30	40	50
	40	50	60	70	80
EX	CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCTGATGATGTTG				90
RNBGLO	CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCTGATGATGTTG				
	70	80	90	100	110
EX	GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCCTGGACCCAGAGGTACTTGATA				120
RNBGLO	GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCCTGGACCCAGAGGTACTTGATA				
	100	110	120	130	140
	130	140	150	160	170
EX	GCTTGGGGACCTGTCCTCTGCCTCTGCTATCATGGTAACCTAAGGTGAAGGCCATG				180
RNBGLO	GCTTGGGGACCTGTCCTCTGCCTCTGCTATCATGGTAACCTAAGGTGAAGGCCATG				
	160	170	180	190	200
EX	GCAAGAAGGTGATAAACGCCCTCAATGATGGCCTGAAACACTTGGACAAACCTCAAGGGCA				210
RNBGLO	GCAAGAAGGTGATAAACGCCCTCAATGATGGCCTGAAACACTTGGACAAACCTCAAGGGCA				
	220	230	240	250	260
EX	CCTTGCTCATCTGAGTGAACCTCCACTGTGACAAGCTGCATGTGGATCTGAGAACCTCA				270
RNBGLO	CCTTGCTCATCTGAGTGAACCTCCACTGTGACAAGCTGCATGTGGATCTGAGAACCTCA				
	250	260	270	280	290
EX	GGCTCCTGGCAATATGATTGTGATTGTGGCCACCACTGGCAAGGAATTACCC				300
RNBGLO	GGCTCCTGGCAATATGATTGTGATTGTGGCCACCACTGGCAAGGAATTACCC				
	280	290	300	310	320
EX	400	410	420	430	440
RNBGLO	CCTGTGCACAGGCTGCCTCCAGAAGGTGGCTGGAGTGGCCAGTGCCTGGCTACA				450
	340	350	360	370	380
EX	AGTACCACTAACCTCTTCTGCTCTTGTCTTGTCAATGGTCAATTGTTCCCAAGA				390
RNBGLO	AGTACCACTAACCTCTTCTGCTCTTGTCTTGTCAATGGTCAATTGTTCCCAAGA				
	370	380	390	400	410
EX	460	470	480	490	500
RNBGLO	430	440	450	460	470
	420	430	440	450	460
EX	AGTACCACTAACCTCTTCTGCTCTTGTCTTGTCAATGGTCAATTGTTCCCAAGA				480
RNBGLO	AGTACCACTAACCTCTTCTGCTCTTGTCTTGTCAATGGTCAATTGTTCCCAAGA				
	490	500	510	520	530
EX	520	530	540	550	560
RNBGLO	GAGCATCTGTCAGTTGTCAAAATGACAAAGACCTTGGAAAATCTGCTCTACTAATAA				570
	580	590	600	610	
EX	AAGGCATTTACTTCACTGCAAAAAAAAAAAAAAA				
RNBGLO	AAGGCATTTACTTCACTGCA				

FIG. 12

EX	10	20	30			
	CACAAACTCAGAACAGACACCATGGTGCACCTGA	M V H L				
	40	50	60	70	80	90
EX	CTGATGCTGAGAAGGCTGCTGTTAATGGCCTGTGGGGAAAGGTGAACCTGATGATGTTG	T D A E K A A V N G L W G K V N P D D V				
	100	110	120	130	140	150
EX	GTGGCGAGGCCCTGGGCAGGCTGCTGGTTGTCTACCCCTGGACCCAGAGGTACTTGATA	G G E A L G R L L V V Y P W T Q R Y F D				
	160	170	180	190	200	210
EX	GCTTGGGACCTGTCCTCTGCCTCTGCTATCATGGTAACCTAAGGTGAAGGCCATG	S F G D L S S A S A I M G N P K V K A H				
	220	230	240	250	260	270
EX	GCAAGAAGGTGATAAACGCCCTCAATGATGGCCTGAAACACTTGGACAACCTCAAGGGCA	G K K V I N A F N D G L K H L D N L K G				
	280	290	300	310	320	330
EX	CCTTGCTCATCTGAGTGAACCTCCACTGTGACAAGCTGCATGTGGATCCTGAGAACTTCA	T F A H L S E L H C D K L H V D P E N F				
	340	350	360	370	380	390
EX	GGCTCCTGGCAATATGATTGTATTGTGTTGGCCACCACCTGGCAAGGAATTACCC	R L L G N M I V I V L G H H L G K E F T				
	400	410	420	430	440	450
EX	CCTGTGCACAGGCTGCCCTCCAGAACGGTGGTGGCTGGAGTGGCCAGTGCCTGGCTCACA	P C A Q A A F Q K V V A G V A S A L A H				
	460	470	480	490	500	510
EX	AGTACCAACTAACCTCTTCTGCTCTTGCAATGGCAATTGTTCCCAAGA	K Y H *				
	520	530	540	550	560	570
EX	GAGCATCTGTCAGTTGTCAAAATGACAAAGACCTTGAAAATCTGTCCTACTAATAA					
	580	590	600	610		
EX	AAGGCATTTACTTCACTGCAAAAAAAAAAAAAAA					

FIG. 13

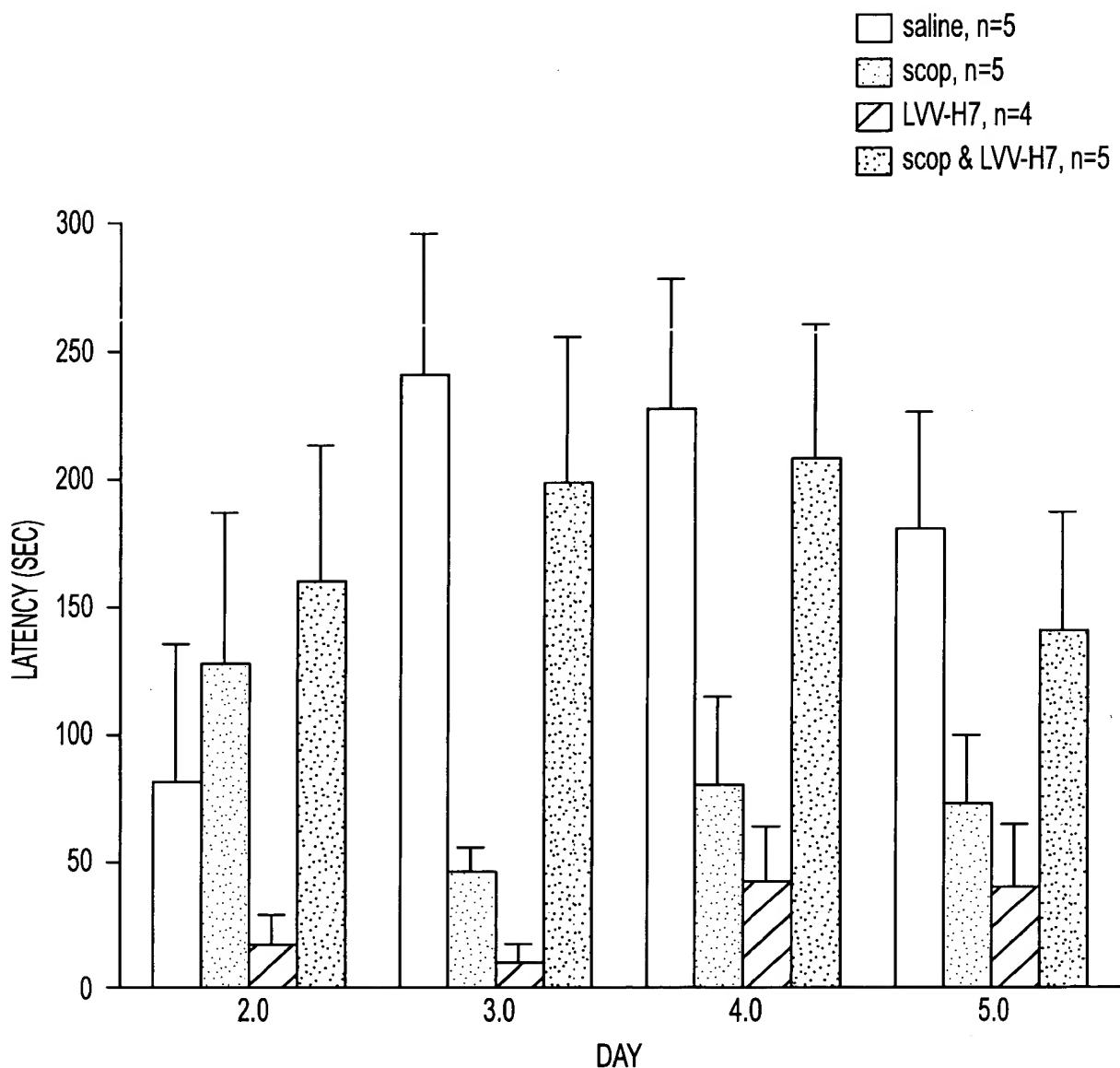


FIG. 14

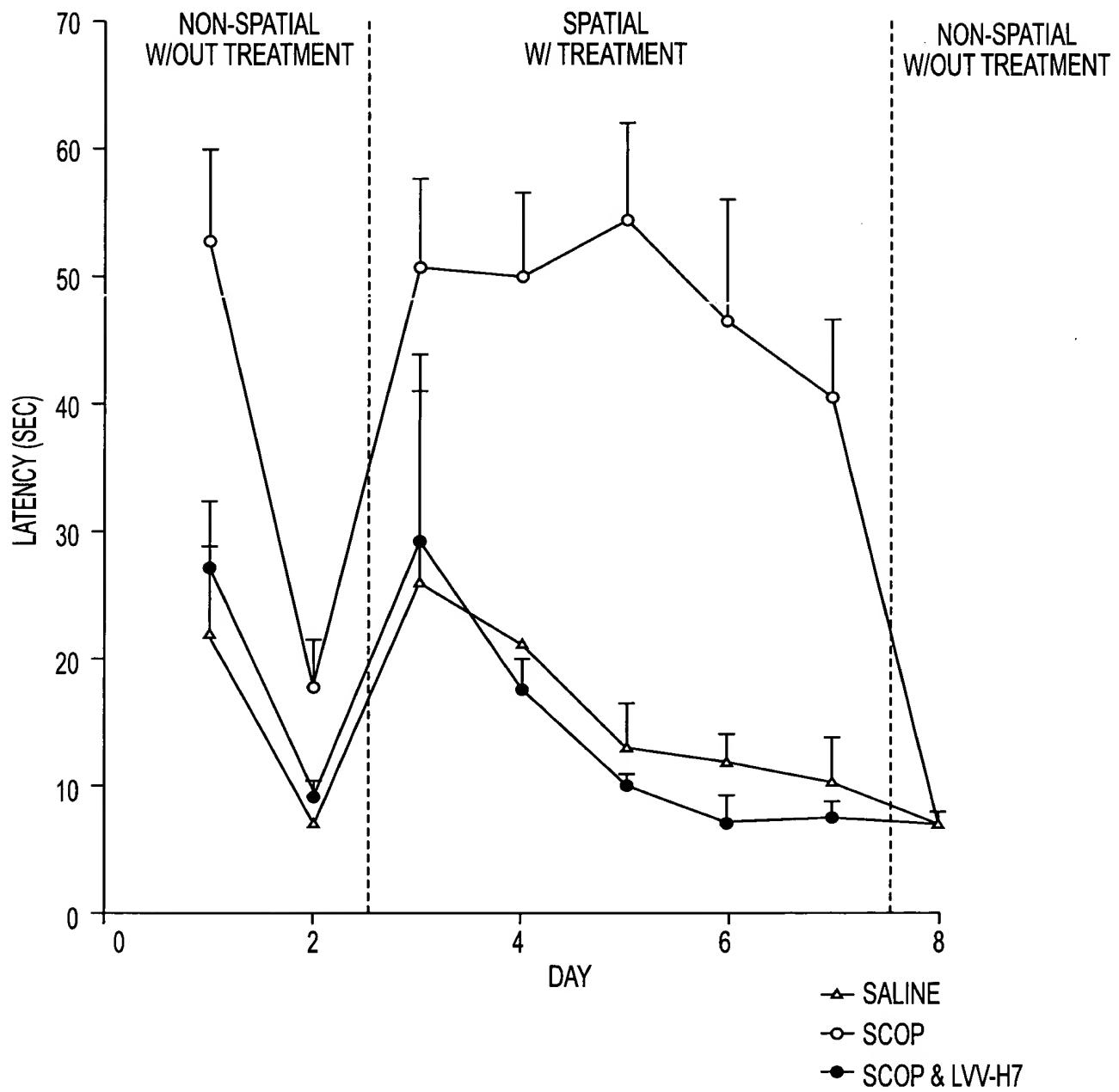


FIG. 15